

# PRIOR ART

100

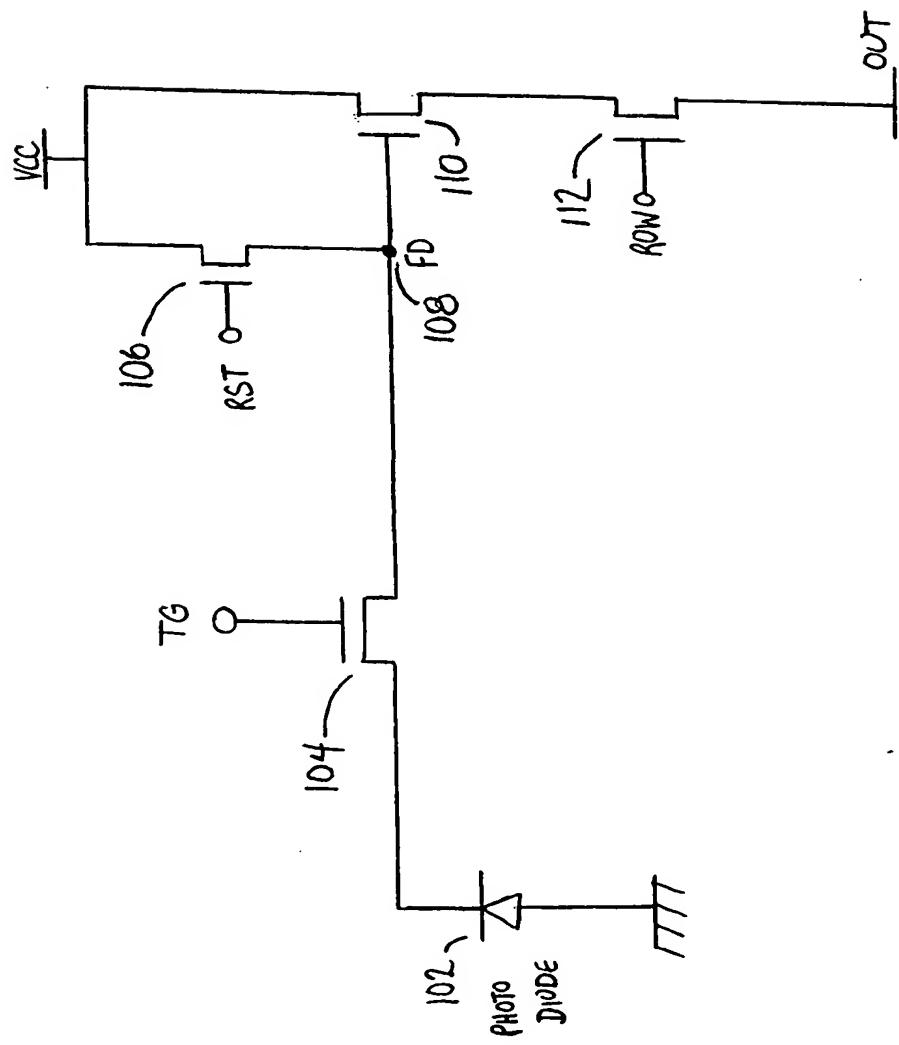


FIG. 1

# FIG. 2 Prior Art

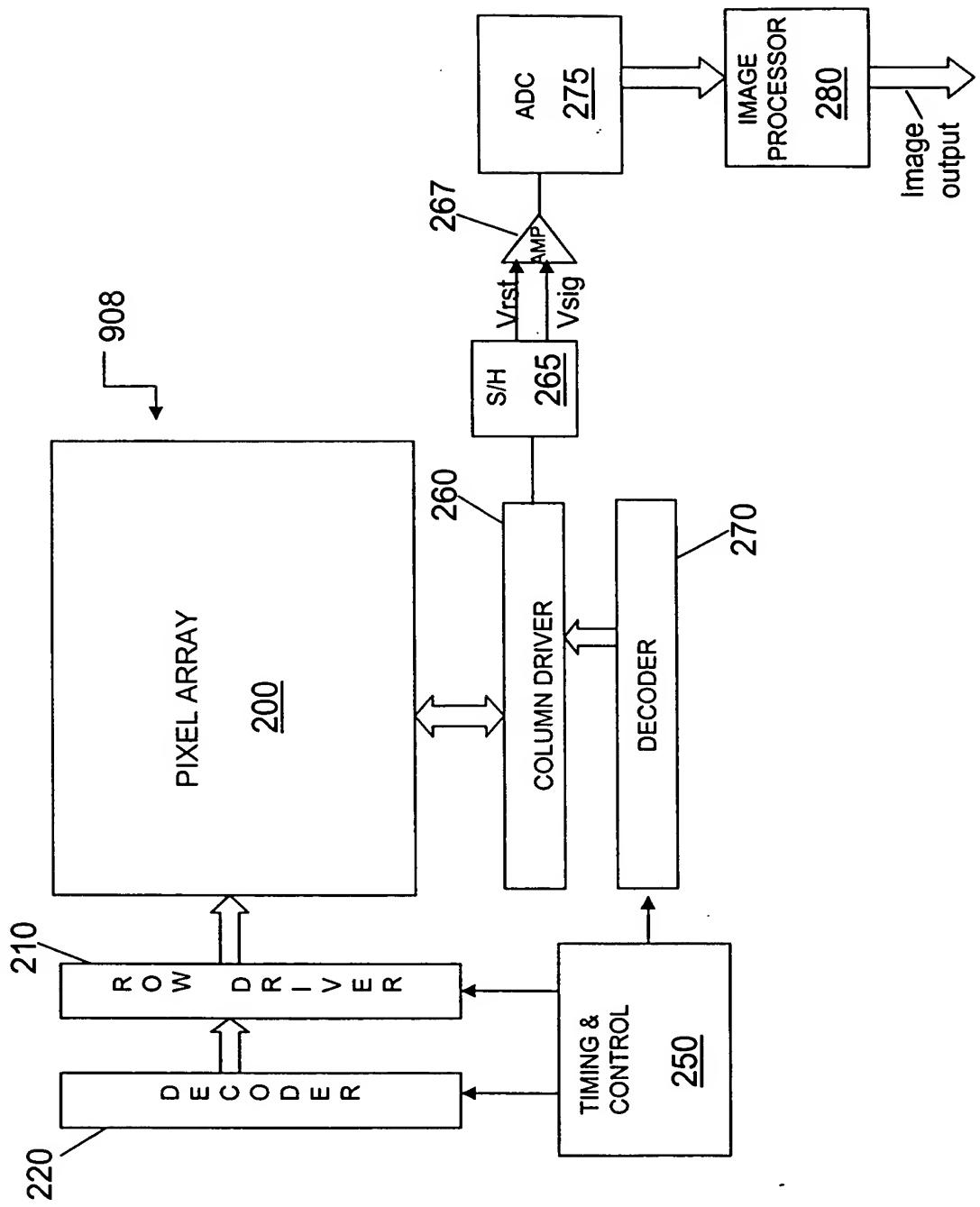
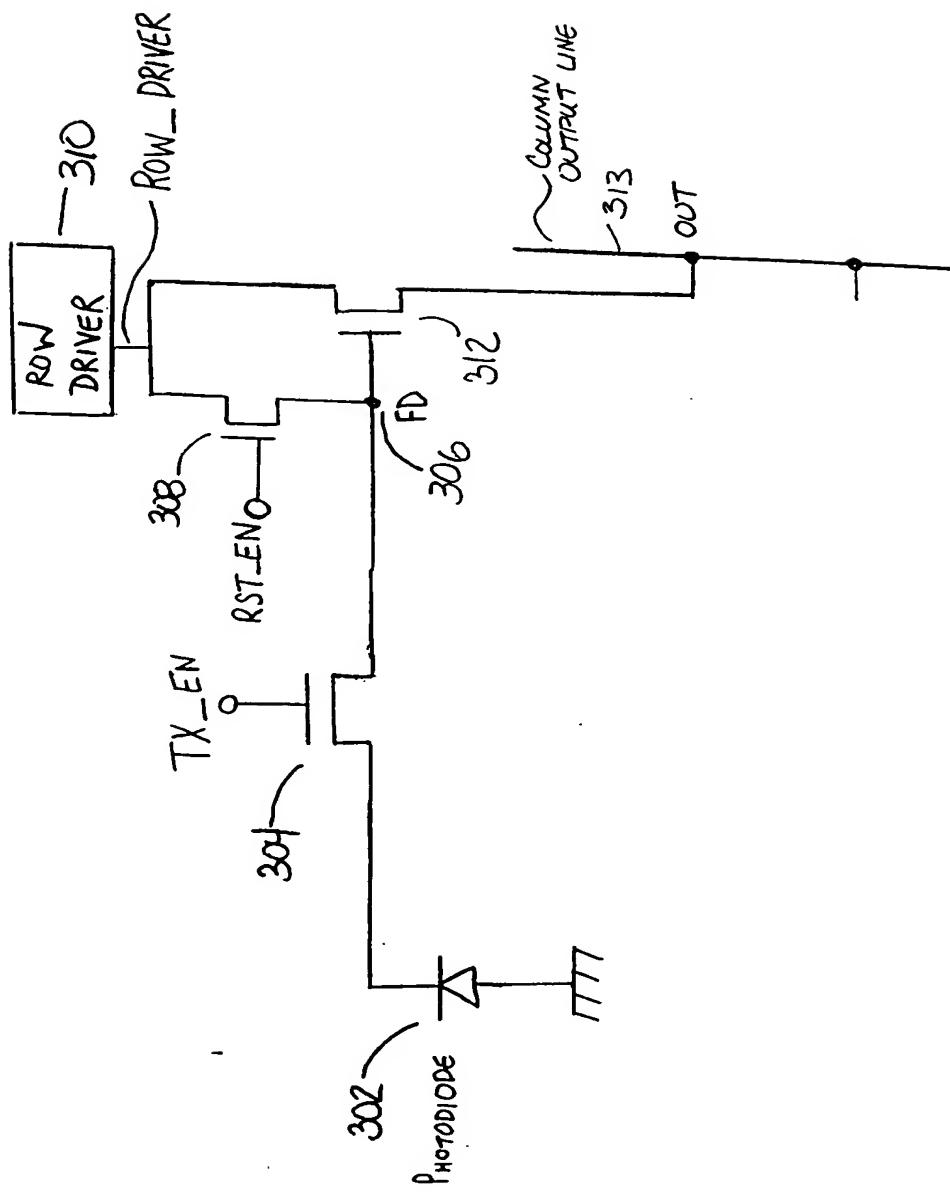


FIG. 3



## Shutter Timing for Row Driver Pixel

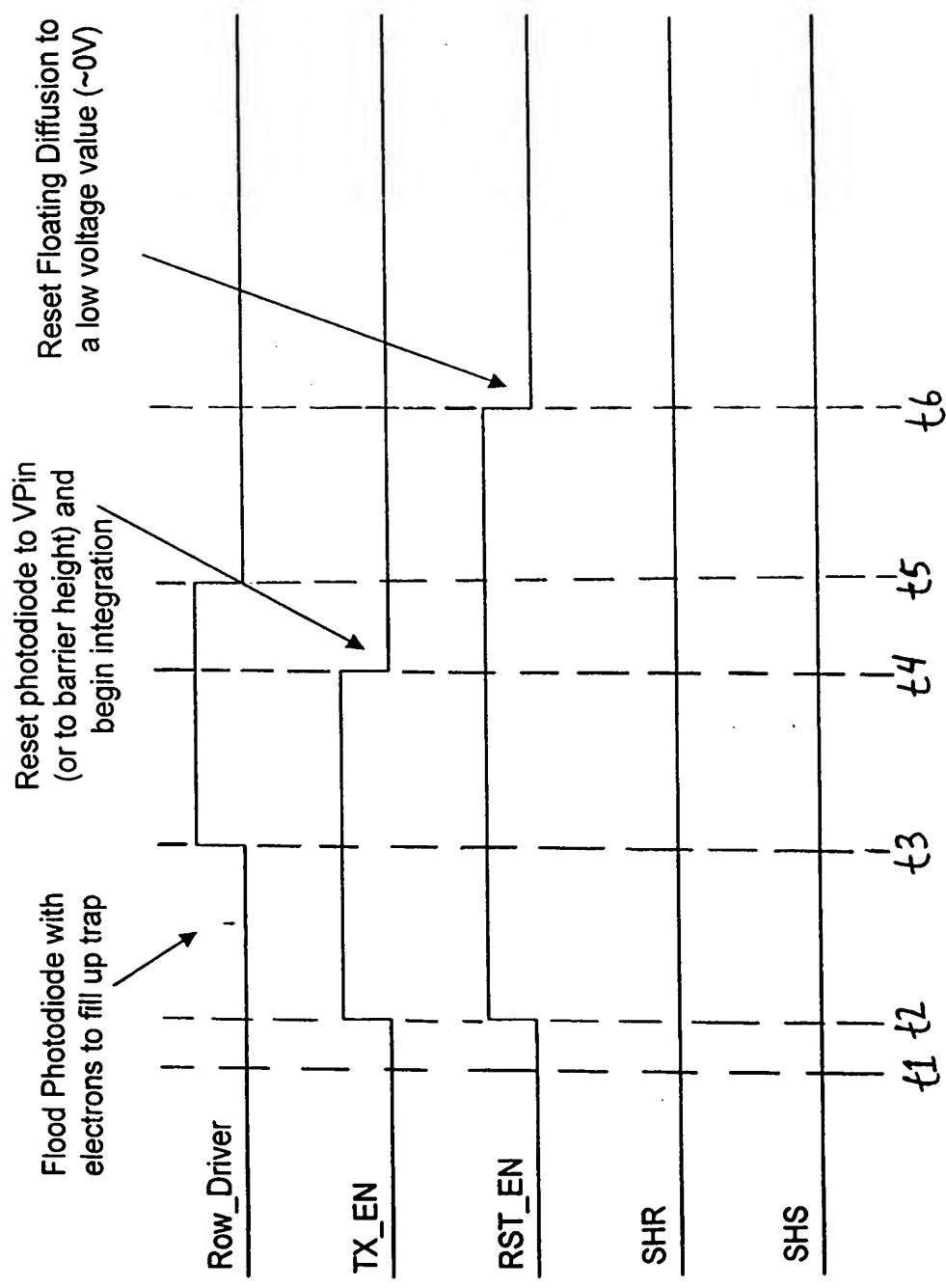


FIG. 4

### PINNED PHOTODIODE

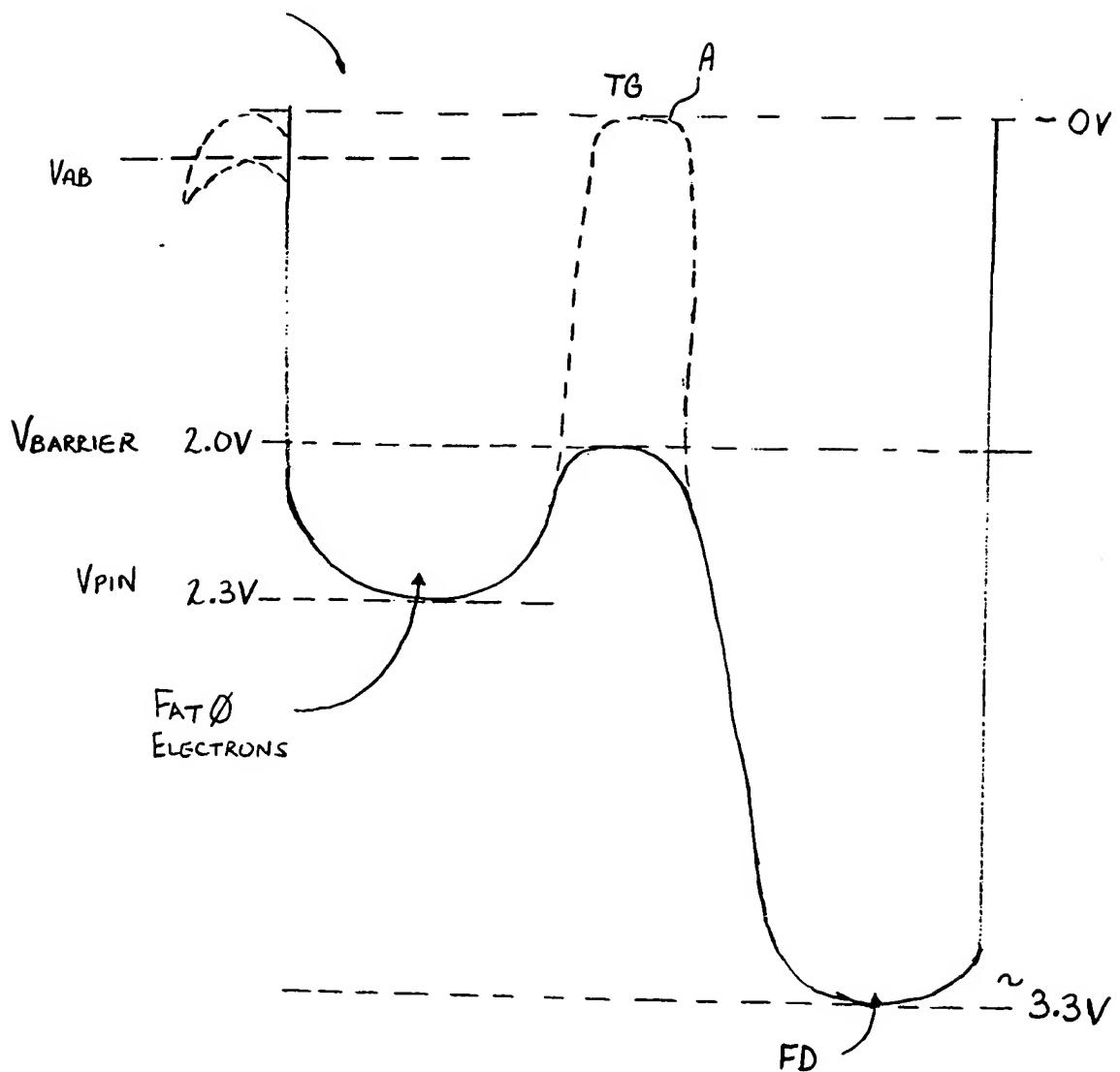


FIG. 5

## Row Transfer Timing for Row Pixel

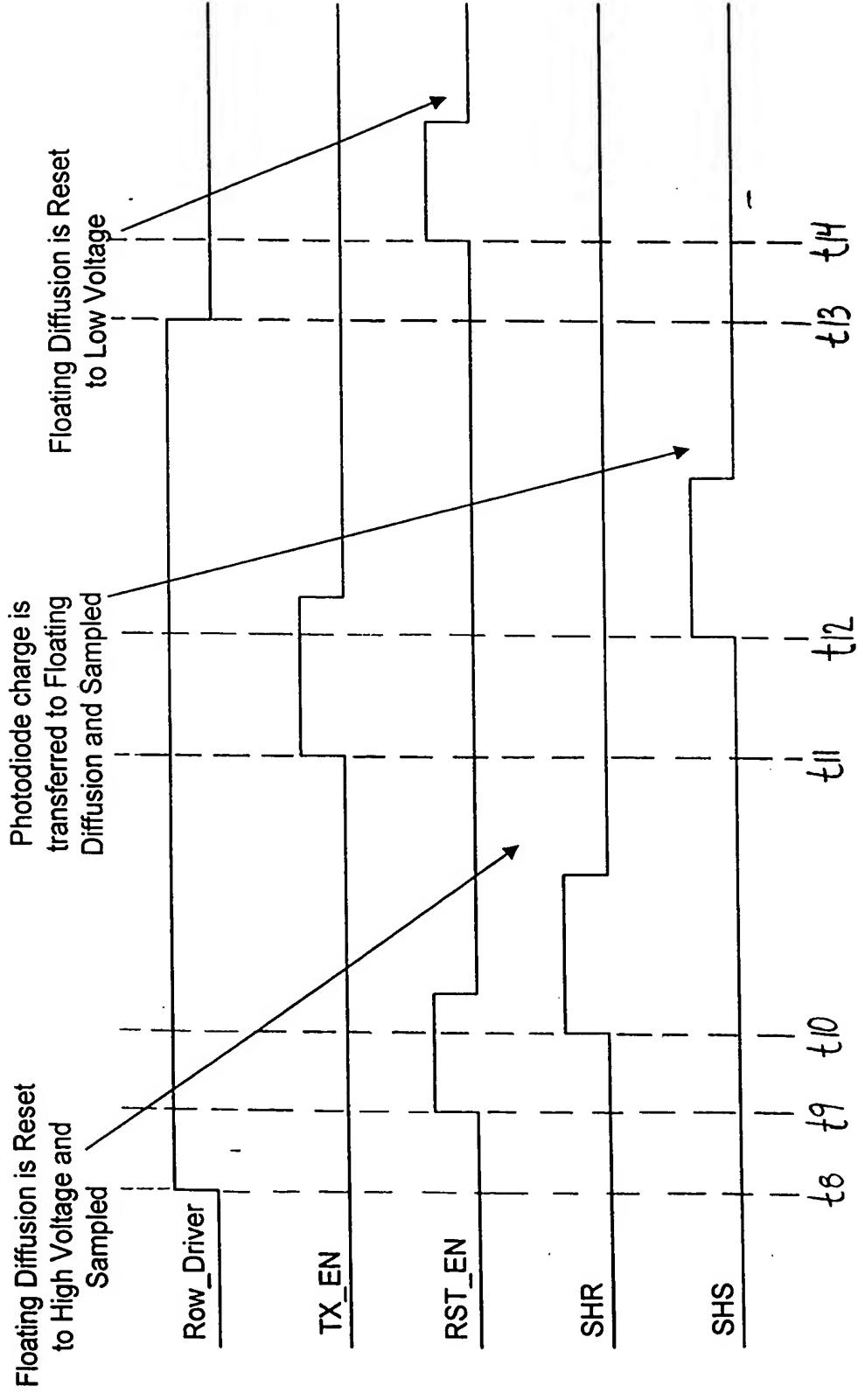


FIG. 6

400

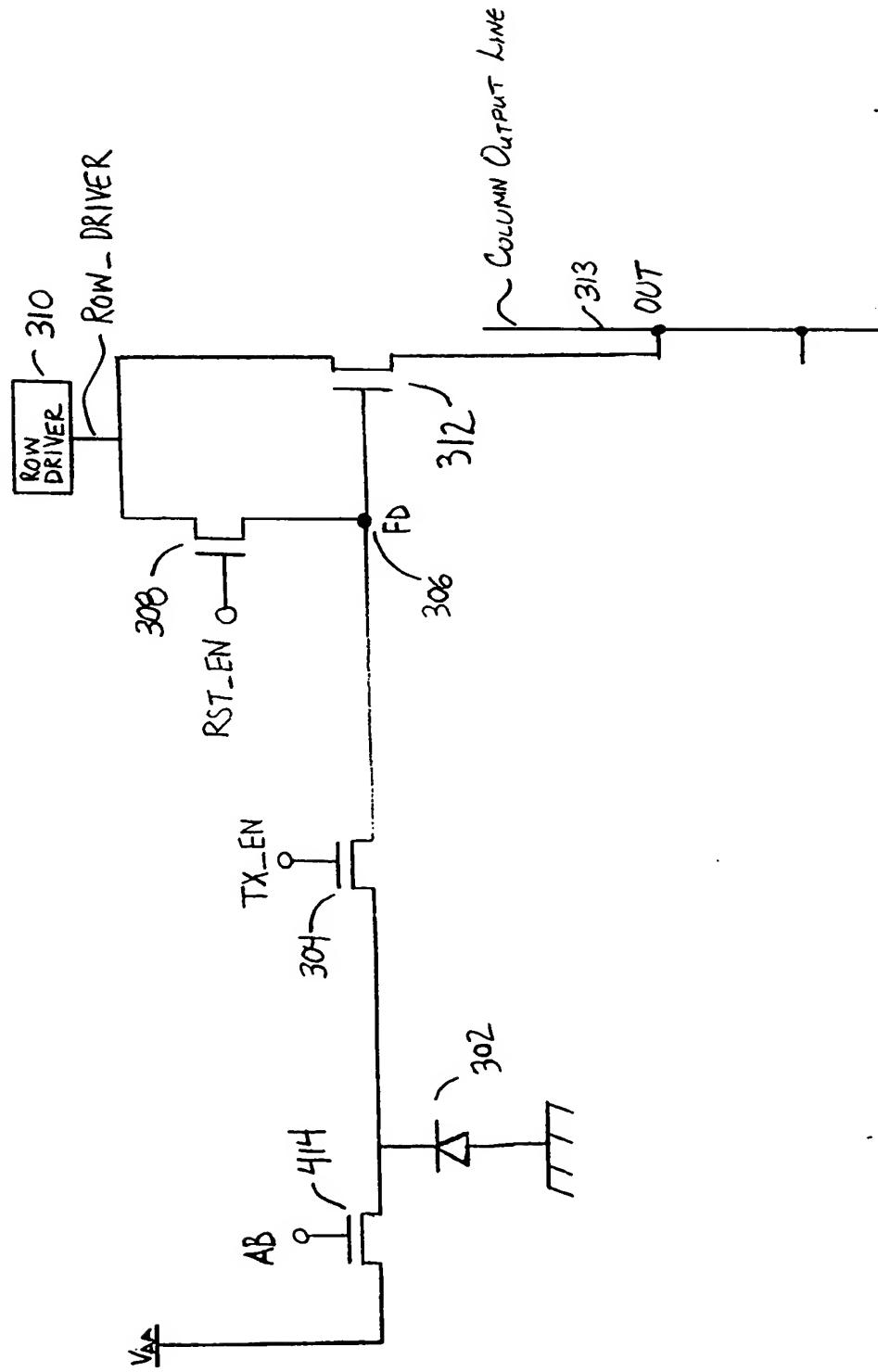


FIG. 7

## Shutter Timing for Row Driver Pixel

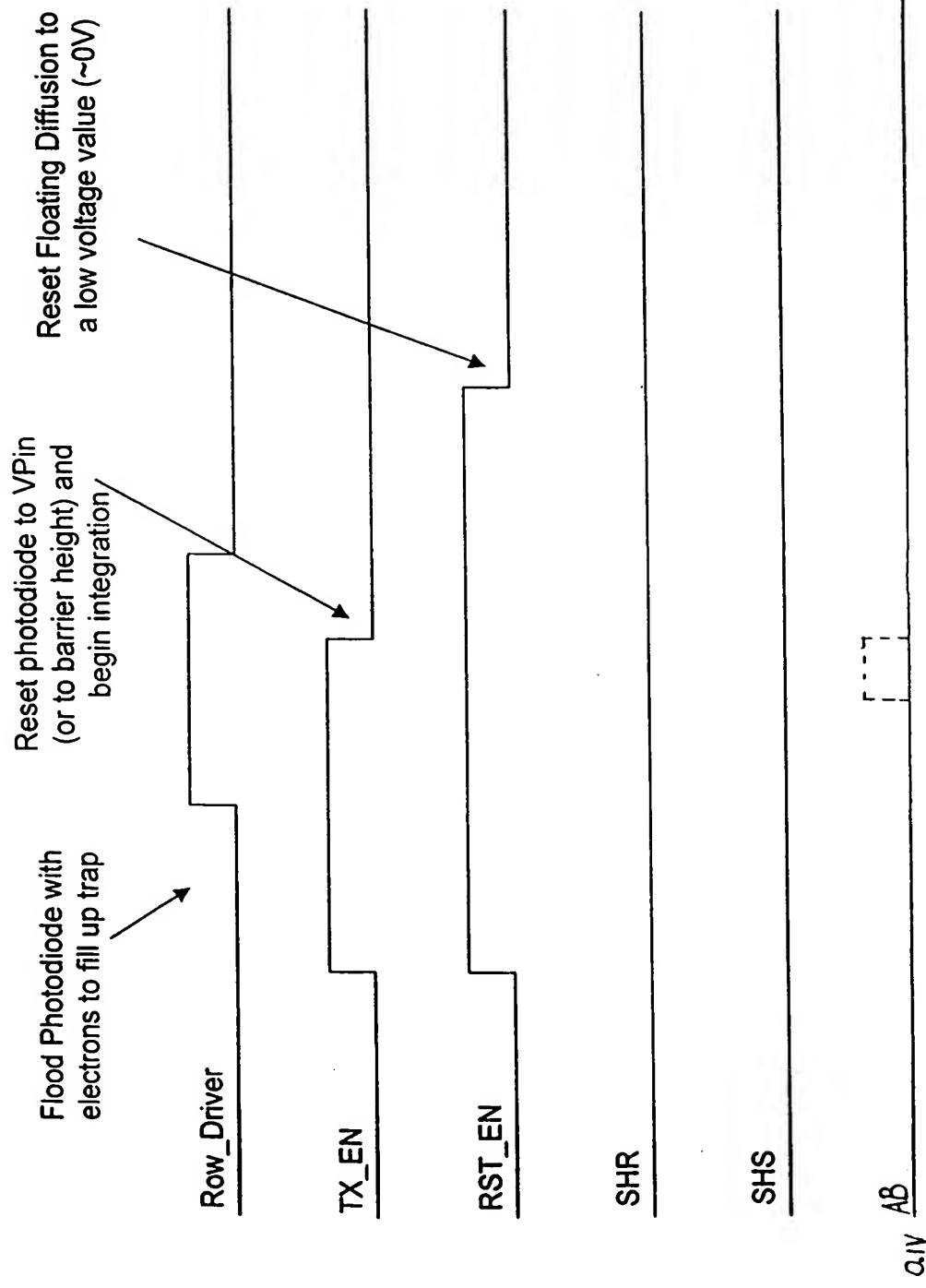


FIG. 8

**FIG. 9**

